

846 Inventory Inquiry/Advice

Functional Group ID=**IB**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. Distribution depots/storage activities use this transaction set to transmit location reconciliation request transactions to owners/managers.

2. Use a single occurrence of this transaction set to transmit location reconciliation request transactions to one owner/manager. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.

Heading:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|--------------|---------------------|--------------------|--|----------------------|----------------|------------------------|-------------------------------|
| Must Use | 010 | ST | Transaction Set Header | M | 1 | | |
| Must Use | 020 | BIA | Beginning Segment for Inventory Inquiry/Advice | M | 1 | | |
| Not Used | 040 | CUR | Currency | O | 1 | | |
| Not Used | 050 | DTM | Date/Time Reference | O | 10 | | |
| Not Used | 060 | REF | Reference Identification | O | 12 | | |
| Not Used | 070 | PER | Administrative Communications Contact | O | 3 | | |
| Not Used | 075 | MEA | Measurements | O | 20 | | |
| LOOP ID - N1 | | | | | | 5 | |
| Must Use | 080 | N1 | Name | O | 1 | | |
| Not Used | 090 | N2 | Additional Name Information | O | 2 | | |
| Not Used | 100 | N3 | Address Information | O | 2 | | |
| Not Used | 110 | N4 | Geographic Location | O | 1 | | |
| Not Used | 120 | REF | Reference Identification | O | 12 | | |

846R - Inventory Inquiry/Advice (Location Reconciliation)

| | | | | | | |
|--------------|-----|-----|---------------------------------------|---|-----|--|
| Not Used | 130 | PER | Administrative Communications Contact | O | 3 | |
| LOOP ID - LM | | | | | 10 | |
| Must Use | 140 | LM | Code Source Information | O | 1 | |
| Must Use | 150 | LQ | Industry Code | M | 100 | |

Detail:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|---------------|---------------------|--------------------|--|----------------------|----------------|------------------------|-------------------------------|
| LOOP ID - LIN | | | | | | 10000 | |
| Must Use | 010 | LIN | Item Identification | M | 1 | | |
| Not Used | 030 | PID | Product/Item Description | O | 200 | | |
| Not Used | 040 | MEA | Measurements | O | 40 | | |
| Not Used | 050 | PKG | Marking, Packaging, Loading | O | 25 | | |
| | 100 | DTM | Date/Time Reference | O | 10 | | |
| Not Used | 110 | CTP | Pricing Information | O | 25 | | |
| Not Used | 120 | CUR | Currency | O | 1 | | |
| Not Used | 130 | SAC | Service, Promotion, Allowance, or Charge Information | O | 25 | | |
| | 140 | REF | Reference Identification | O | >1 | | |
| Not Used | 150 | PER | Administrative Communications Contact | O | 3 | | |
| Not Used | 220 | SDQ | Destination Quantity | O | 500 | | |
| Not Used | 230 | MAN | Marks and Numbers | O | 1 | | |
| Not Used | 235 | UIT | Unit Detail | O | 5 | | |
| Not Used | 240 | CS | Contract Summary | O | 1 | | |
| Not Used | 250 | DD | Demand Detail | O | >1 | | |
| Not Used | 255 | G53 | Maintenance Type | O | 1 | | |
| Not Used | 256 | PCT | Percent Amounts | O | >1 | | |
| Not Used | 257 | LDT | Lead Time | O | 12 | | |
| LOOP ID - LM | | | | | | 10 | |
| | 260 | LM | Code Source Information | O | 1 | | |
| Must Use | 270 | LQ | Industry Code | M | 100 | | |
| LOOP ID - SLN | | | | | | 1000 | |
| Not Used | 280 | SLN | Subline Item Detail | O | 1 | | |
| Not Used | 290 | PID | Product/Item Description | O | 200 | | |
| Not Used | 300 | MEA | Measurements | O | 40 | | |
| Not Used | 310 | PKG | Marking, Packaging, Loading | O | 25 | | |
| LOOP ID - MAN | | | | | | 100 | |
| Not Used | 312 | MAN | Marks and Numbers | O | 1 | | |
| Not Used | 314 | MEA | Measurements | O | 40 | | |
| LOOP ID - QTY | | | | | | 99 | |
| | 320 | QTY | Quantity | O | 1 | | |
| Not Used | 330 | UIT | Unit Detail | O | 12 | | |
| Not Used | 340 | MEA | Measurements | O | 25 | | |
| Not Used | 350 | LDT | Lead Time | O | 12 | | |
| Not Used | 355 | DTM | Date/Time Reference | O | 10 | | |
| LOOP ID - SCH | | | | | | 25 | |

846R - Inventory Inquiry/Advice (Location Reconciliation)

| | | | | | | |
|---------------|-----|-----|---------------------------------------|---|-----|----|
| Not Used | 360 | SCH | Line Item Schedule | O | 1 | |
| Not Used | 370 | MEA | Measurements | O | 25 | |
| LOOP ID - LM | | | | | >1 | |
| | 375 | LM | Code Source Information | O | 1 | |
| Must Use | 376 | LQ | Industry Code | M | 100 | |
| Not Used | 380 | LS | Loop Header | O | 1 | |
| LOOP ID - REF | | | | | >1 | |
| Not Used | 390 | REF | Reference Identification | O | 1 | n1 |
| Not Used | 400 | DTM | Date/Time Reference | O | >1 | |
| Not Used | 410 | N1 | Name | O | 1 | |
| LOOP ID - LM | | | | | 10 | |
| Not Used | 420 | LM | Code Source Information | O | 1 | |
| Not Used | 430 | LQ | Industry Code | M | 100 | |
| Not Used | 440 | LE | Loop Trailer | O | 1 | |
| LOOP ID - N1 | | | | | 200 | |
| Not Used | 450 | N1 | Name | O | 1 | |
| Not Used | 460 | N2 | Additional Name Information | O | 2 | |
| Not Used | 470 | N3 | Address Information | O | 2 | |
| Not Used | 480 | N4 | Geographic Location | O | 1 | |
| Not Used | 490 | REF | Reference Identification | O | 12 | |
| Not Used | 500 | PER | Administrative Communications Contact | O | 3 | |

Summary:

| | <u>Pos.</u> | <u>Seg.</u> | <u>Name</u> | <u>Req.</u> | <u>Max.Use</u> | <u>Loop</u> | <u>Notes and</u> |
|----------|-------------|-------------|-------------------------|-------------|----------------|---------------|------------------|
| | <u>No.</u> | <u>ID</u> | | <u>Des.</u> | | <u>Repeat</u> | <u>Comments</u> |
| Not Used | 010 | CTT | Transaction Totals | O | 1 | | n2 |
| Must Use | 020 | SE | Transaction Set Trailer | M | 1 | | |

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|----------------------------|-------------------------------|--|-------------------|
| Must Use | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 846 X12.28 Inventory Inquiry/Advice | M ID 3/3 |
| Must Use | ST02 | 329 | Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i> | M AN 4/9 |

Segment: **BIA** Beginning Segment for Inventory Inquiry/Advice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set
Syntax Notes:
Semantic Notes:

- 1 BIA03 identifies the number of the inquiry/advice that is transferred.
- 2 BIA04 identifies the date of the inquiry/advice that is transferred.
- 3 BIA05 identifies the time of the inquiry/advice that is transferred.

Comments:

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|----------|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| Must Use | BIA01 | 353 | Transaction Set Purpose Code | M ID 2/2 |
| | | | Code identifying purpose of transaction set | |
| | | | 00 Original | |
| | | | 77 Simulation Exercise | |
| | | | <i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i> | |
| Must Use | BIA02 | 755 | Report Type Code | M ID 2/2 |
| | | | Code indicating the title or contents of a document, report or supporting item | |
| | | | LC Location Inventory Report | |
| | | | <i>Use to identify location reconciliation request transactions.</i> | |
| Must Use | BIA03 | 127 | Reference Identification | M AN 1/30 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | |
| | | | <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i> | |
| Must Use | BIA04 | 373 | Date | M DT 6/6 |
| | | | Date (YYMMDD) | |
| | | | <i>This date is the date of the transaction set preparation and corresponds to the Universal Time Coordinate (UTC).</i> | |

| | | | | |
|-----------------|--------------|------------|---|-----------------|
| Must Use | BIA05 | 337 | Time | O TM 4/8 |
| | | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | |
| | | | <i>1. Express the originating activity's time of transaction set preparation in UTC.</i> | |
| | | | <i>2. Express time in a four-position (HHMM) format.</i> | |
| Not Used | BIA06 | 306 | Action Code | O ID 1/2 |
| | | | Code indicating type of action | |

| | |
|------------------------|---|
| Segment: | N1 Name |
| Position: | 080 |
| Loop: | N1 Optional (Must Use) |
| Level: | Heading |
| Usage: | Optional (Must Use) |
| Max Use: | 1 |
| Purpose: | To identify a party by type of organization, name, and code |
| Syntax Notes: | 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required. |
| Semantic Notes: | |
| Comments: | 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101. |
| Notes: | <i>Must use this 1/N1/080 loop to identify the organization originating and receiving the transaction set.</i> |

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|---|-------------------|--|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | |
| Must Use | N101 | 98 Entity Identifier Code | M ID 2/2 | |
| | | Code identifying an organizational entity, a physical location, or an individual | | |
| | | <i>Use only one of codes KA or OW.</i> | | |
| | | KA Item Manager | | |
| | | The address of the person responsible for the management of an item of supply | | |
| | | <i>Use to identify the Integrated Material Manager (IMM) for the material reported.</i> | | |
| | | OW Owner of Property or Unit | | |
| | | <i>Use to identify the owner of the material reported.</i> | | |
| | | SB Storage Area | | |
| | | <i>Must use to identify the depot or storage activity.</i> | | |
| Not Used | N102 | 93 Name | X AN 1/35 | |
| | | Free-form name | | |
| Must Use | N103 | 66 Identification Code Qualifier | X ID 1/2 | |
| | | Code designating the system/method of code structure used for Identification Code (67) | | |
| | | 1 D-U-N-S Number, Dun & Bradstreet | | |
| | | 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | |
| | | 10 Department of Defense Activity Address Code (DODAAC) | | |
| | | M4 Department of Defense Routing Identifier Code | | |

(RIC)

An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions

| | | | | | |
|-----------------|-------------|------------|---|----------|----------------|
| Must Use | N104 | 67 | Identification Code | X | AN 2/20 |
| | | | Code identifying a party or other code | | |
| Not Used | N105 | 706 | Entity Relationship Code | O | ID 2/2 |
| | | | Code describing entity relationship | | |
| Must Use | N106 | 98 | Entity Identifier Code | O | ID 2/2 |
| | | | Code identifying an organizational entity, a physical location, or an individual | | |
| | | FR | Message From | | |
| | | | <i>Must use with 1/N101/080 code SB to indicate the organization cited in N104 is origination the transaction set.</i> | | |
| | | TO | Message To | | |
| | | | <i>Must use with the 1/N101/080 codes KA or OW to indicate the organization cited in 1/N104/080 is receiving the transaction set.</i> | | |

Segment: **LM** **Code Source Information**
Position: 140
Loop: LM Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Must use this 1/LM/140 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|----------------------------|-------------------------------|--|-------------------|
| Must Use | LM01 | 559 | Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD) | M ID 2/2 |
| Not Used | LM02 | 822 | Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier | O AN 1/15 |

Segment: **LQ** Industry Code
Position: 150
Loop: LM Optional (Must Use)
Level: Heading
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

| Ref. | Data | | |
|-------------|----------------|---|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| LQ01 | 1270 | Code List Qualifier Code | O ID 1/3 |
| | | Code identifying a specific industry code list | |
| | | 0 Document Identification Code | |
| | | Codes that subclassify a transaction | |
| LQ02 | 1271 | Industry Code | X AN 1/30 |
| | | Code indicating a code from a specific industry code list | |

| | |
|------------------------|---|
| Segment: | LIN Item Identification |
| Position: | 010 |
| Loop: | LIN Mandatory |
| Level: | Detail |
| Usage: | Mandatory |
| Max Use: | 1 |
| Purpose: | To specify basic item identification data |
| Syntax Notes: | <ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required. |
| Semantic Notes: | 1 LIN01 is the line item identification |
| Comments: | <ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of IDs. 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU. |
| Notes: | <i>Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with the transaction.</i> |

Data Element Summary

| Ref. | Data | | |
|-------------|----------------|--|---|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| LIN01 | 350 | Assigned Identification | O AN 1/20 |
| | | Alphanumeric characters assigned for differentiation within a transaction set | |
| | | <i>Use to identify the count of location reconciliation transactions. In the first 2/LIN/010 loop iteration cite the numeric 1. In each subsequent loop iteration increase incrementally by one.</i> | |
| Must Use | LIN02 | 235 Product/Service ID Qualifier | M ID 2/2 |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | |
| | | <i>Use only one of A1, A2, A4, FB, FS, MG, or YP to identify the item reported. Must use National Stock Number (NSN) when known.</i> | |
| | | A1 | Plant Equipment Number |
| | | | Item identifier is a plant equipment number |

| | | | | | |
|----------|-------|-----|---|---|--|
| | | | | | <i>Use to identify plant equipment.</i> |
| | | A2 | Department of Defense Identification Code (DoDIC) Qualifies a code that uniquely identifies a type of explosive or ammunition | | |
| | | | | | <i>Use to identify ammunition items.</i> |
| | | A4 | Subsistence Identification Number Item identifier is a brand-name resale subsistence item | | |
| | | | | | <i>Use to identify subsistence items.</i> |
| | | FB | Form Number | | |
| | | | | | <i>Use to identify the form stock number.</i> |
| | | FS | National Stock Number | | |
| | | | | | <i>Must use NSN when known.</i> |
| | | MG | Manufacturer's Part Number | | |
| | | | | | <i>Use to identify nonstandard material.</i> |
| | | YP | Publication Number | | |
| | | | | | <i>Use to identify the publication stock number.</i> |
| Must Use | LIN03 | 234 | Product/Service ID Identifying number for a product or service | M | AN 1/40 |
| | LIN04 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| | | ZB | Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government | | |
| | | | | | <i>Use with LIN02 code MG to uniquely identify a manufacturer's part number.</i> |
| | LIN05 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN06 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| | LIN07 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN08 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN09 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN10 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |

| | | | | | |
|----------|-------|-----|--|---|---------|
| Not Used | LIN11 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN12 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN13 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN14 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN15 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN16 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN17 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN18 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN19 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN20 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN21 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN22 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN23 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN24 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN25 | 234 | Product/Service ID Identifying number for a product or service | X | AN 1/40 |
| Not Used | LIN26 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) | X | ID 2/2 |
| Not Used | LIN27 | 234 | Product/Service ID | X | AN 1/40 |

| | | | | | |
|-----------------|--------------|------------|---|----------|----------------|
| | | | Identifying number for a product or service | | |
| Not Used | LIN28 | 235 | Product/Service ID Qualifier | X | ID 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| Not Used | LIN29 | 234 | Product/Service ID | X | AN 1/40 |
| | | | Identifying number for a product or service | | |
| Not Used | LIN30 | 235 | Product/Service ID Qualifier | X | ID 2/2 |
| | | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | |
| Not Used | LIN31 | 234 | Product/Service ID | X | AN 1/40 |
| | | | Identifying number for a product or service | | |

Segment: DTM Date/Time Reference**Position:** 100**Loop:** LIN Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM06 is required.
 - 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:**Comments:****Notes:** *Must use 2/DTM/100 to identify dates associated with the transaction.***Data Element Summary**

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|----------------------------|-------------------------------|--|-------------------|
| Must Use | DTM01 | 374 | Date/Time Qualifier | M ID 3/3 |
| | | | Code specifying type of date or time, or both date and time | |
| | | | 036 Expiration | |
| | | | Date coverage expires | |
| | | | <i>For subsistence items, use to identify the expiration date associated with the reported material.</i> | |
| | | | 510 Date Packed | |
| | | | <i>For subsistence items, use to identify the date packed associated with the reported material.</i> | |
| | | | 600 As Of | |
| | | | <i>Must use to identify the close of business date (e.g., mutually agreed upon cutoff date) associated with the location reconciliation.</i> | |
| Must Use | DTM02 | 373 | Date | X DT 6/6 |
| | | | Date (YYMMDD) | |
| Not Used | DTM03 | 337 | Time | X TM 4/8 |
| | | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | |
| Not Used | DTM04 | 623 | Time Code | O ID 2/2 |
| | | | Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | |
| | DTM05 | 624 | Century | O N0 2/2 |

| | | | | |
|-----------------|--------------|-------------|---|------------------|
| | | | The first two characters in the designation of the year (CCYY) | |
| Not Used | DTM06 | 1250 | Date Time Period Format Qualifier | X ID 2/3 |
| | | | Code indicating the date format, time format, or date and time format | |
| Not Used | DTM07 | 1251 | Date Time Period | X AN 1/35 |
| | | | Expression of a date, a time, or range of dates, times or dates and times | |

Segment: **REF** **Reference Identification**
Position: 140
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:

| Data Element Summary | | | | |
|----------------------|----------------------------|-------------------------------|--|-------------------|
| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| Must Use | REF01 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification TN Transaction Reference Number <i>Use to identify the transaction number.</i> | M ID 2/3 |
| Must Use | REF02 | 127 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | X AN 1/30 |
| Not Used | REF03 | 352 | Description A free-form description to clarify the related data elements and their content | X AN 1/80 |
| Not Used | REF04 | C040 | Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | O |
| Not Used | C04001 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification | M ID 2/3 |
| Not Used | C04002 | 127 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | M AN 1/30 |
| Not Used | C04003 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification | X ID 2/3 |
| Not Used | C04004 | 127 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | X AN 1/30 |
| Not Used | C04005 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification | X ID 2/3 |
| Not Used | C04006 | 127 | Reference Identification | X AN 1/30 |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **LM** **Code Source Information**
Position: 260
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Use this 2/LM/260 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|----------------------------|-------------------------------|--|-------------------|
| Must Use | LM01 | 559 | Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD) | M ID 2/2 |
| Not Used | LM02 | 822 | Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier | O AN 1/15 |

Segment: **LQ** Industry Code
Position: 270
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|-------------|-------------|---|--|-------------------|
| Must Use | LQ01 | 1270 | Code List Qualifier Code | | O ID 1/3 |
| | | | Code identifying a specific industry code list | | |
| | | | EQ | Controlled Inventory Item Code | |
| | | | | Categorizes pilferable items | |
| | | | | <i>Use to identify the controlled inventory item code associated with the reported material.</i> | |
| | | | FE | Shelf Life Code | |
| | | | | The storage time period or perishability of an item | |
| | | | | <i>Use to identify the shelf-life code associated with the reported material.</i> | |
| | | | FH | Type of Location Reconciliation Request | |
| | | | | <i>Use to identify type of location reconciliation.</i> | |
| Must Use | LQ02 | 1271 | Industry Code | | X AN 1/30 |
| | | | Code indicating a code from a specific industry code list | | |

Segment: **QTY** Quantity
Position: 320
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use multiple iterations of the 2/QTY/320 loop to stratify the on hand quantity by material classification.*

Data Element Summary

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|----------------------------|-------------------------------|--|-------------------|
| Must Use | QTY01 | 673 | Quantity Qualifier Code specifying the type of quantity 17 Quantity on Hand <i>Use to identify custodial record balance.</i> | M ID 2/2 |
| Must Use | QTY02 | 380 | Quantity Numeric value of quantity <i>Express as a whole number with no decimals.</i> | M R 1/15 |
| | QTY03 | C001 | Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) | O |
| Must Use | C00101 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> | M ID 2/2 |
| Not Used | C00102 | 1018 | Exponent Power to which a unit is raised | O R 1/15 |
| Not Used | C00103 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O R 1/10 |
| Not Used | C00104 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O ID 2/2 |
| Not Used | C00105 | 1018 | Exponent Power to which a unit is raised | O R 1/15 |
| Not Used | C00106 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O R 1/10 |

| | | | | |
|-----------------|---------------|-------------|---|-----------------|
| Not Used | C00107 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O ID 2/2 |
| Not Used | C00108 | 1018 | Exponent Power to which a unit is raised | O R 1/15 |
| Not Used | C00109 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O R 1/10 |
| Not Used | C00110 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O ID 2/2 |
| Not Used | C00111 | 1018 | Exponent Power to which a unit is raised | O R 1/15 |
| Not Used | C00112 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O R 1/10 |
| Not Used | C00113 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | O ID 2/2 |
| Not Used | C00114 | 1018 | Exponent Power to which a unit is raised | O R 1/15 |
| Not Used | C00115 | 649 | Multiplier Value to be used as a multiplier to obtain a new value | O R 1/10 |

Segment: **LM** **Code Source Information**
Position: 375
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Use this 2/LM/375 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|----------------------------|-------------------------------|--|-------------------|
| Must Use | LM01 | 559 | Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD) | M ID 2/2 |
| Not Used | LM02 | 822 | Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier | O AN 1/15 |

Segment: **LQ** Industry Code
Position: 376
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|-------------|--|-----------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | |
| Must Use | LQ01 | 1270 | Code List Qualifier Code | O ID 1/3 |
| | | | Code identifying a specific industry code list | |
| | | | <i>Use only one of codes 99 or A1 (but not both) as appropriate.</i> | |
| | | 83 | Supply Condition Code | |
| | | | Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable | |
| | | 87 | Subsistence Type of Pack Code | |
| | | | A certain level of protection from the packing or outside shipping container for perishable and nonperishable subsistence items | |
| | | | <i>Use only for subsistence items to identify subsistence type of pack information.</i> | |
| | | 99 | Purpose Code | |
| | | | Codes that inform the material owner why an inventory balance is being reserved | |
| | | A1 | Ownership Code | |
| | | | Items included in the inventory records of an organization that is not the owner of the items | |
| Must Use | LQ02 | 1271 | Industry Code | X AN 1/30 |
| | | | Code indicating a code from a specific industry code list | |

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

| | Ref. | Data | | |
|-----------------|--------------------|-----------------------|---|--------------------------|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| Must Use | SE01 | 96 | Number of Included Segments | M N0 1/10 |
| | | | Total number of segments included in a transaction set including ST and SE segments | |
| Must Use | SE02 | 329 | Transaction Set Control Number | M AN 4/9 |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | |
| | | | <i>Cite the same number as the one cited in ST02.</i> | |